

PRELIMINARY AMENDMENT
CIP of USSN 08/424,983

Continuation-in-part of U.S. Patent Application Serial
No. 08/053,030, filed April 23, 1993 (now abandoned). --

Page 13, line 21, change "Adjuvant)" to -- Adjuvant --;
line 23, change "Adjuvant)" to -- Adjuvant --;
line 23, change "Immunolon I" to -- IMMUNOLON I--;
line 28, change "Triton X-100" to -- TRITON X-100
(polyethylene glycol tert-octylphenyl ether) --.

Page 14, line 16, change "Immunolon I" to -- IMMUNOLON I --;
line 20, change "Triton X-100" to -- TRITON X-100--;
line 23, change "Triton X-100" to -- TRITON X-100--;
line 25, change "Triton X-100" to -- TRITON X-100--;

and

line 28, change "Triton X-100" to --TRITON X-100--.

Page 15, line 12, change "RAP-42-OVAF₂#1hc-" to
-- RAP-42-OVAF₂#1hc --;

line 14, after "methodology." insert -- Hybridoma
RAP-42-OVAF₂#1hc was deposited under the terms of the Budapest
Treaty at the American Type Culture Collection, 10801 University
Boulevard, Manassas, VIRGINIA 20110-2209, USA, on March 10, 1994,
and was granted accession number HB 11568.1 --; and

line 19, change "(Immunolon I)" to --(IMMUNOLON I)--.

Page 16, line 23, change "(Immunolon I)" to --(IMMUNOLON I)--.

IN THE CLAIMS:

Please cancel Claims 1-32.

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Please add the following new claims:

Sub B1
a3
-- Claim 33. A monoclonal antibody having binding specificity for a rapamycin, wherein said antibody is obtained using an immunogen comprising a molecule selected from the group consisting of rapamycin having a linking group at the 42 position, rapamycin having a linking group at the 31 position, and rapamycin having a linking group at both the 42 position and the 31 position.

Claim 34. The monoclonal antibody of Claim 33, wherein said molecule is a rapamycin having a linking group at the 42 position.

Claim 35. The monoclonal antibody of Claim 34, wherein said molecule is a rapamycin 42-ester with a dicarboxylic acid.

Claim 36. The monoclonal antibody of Claim 35, wherein said dicarboxylic acid is succinic acid.

Sub B2
~~Claim 37. The monoclonal antibody of Claim 33, wherein said molecule is conjugated to an immunogenic protein selected from the group consisting of keyhole limpet hemocyanin and ovalbumin.~~

Claim 38. The monoclonal antibody of Claim 33, wherein said immunogen is a rapamycin 42-ester with succinic acid conjugated to ovalbumin.

Claim 39. The monoclonal antibody of Claim 33, wherein said antibody is produced by hybridoma RAP-42-OVAF₂#1hc (ATCC No. 11568).

Claim 40. Hybridoma RAP-42-OVAF₂#1hc (ATCC No. 11568). --